

10

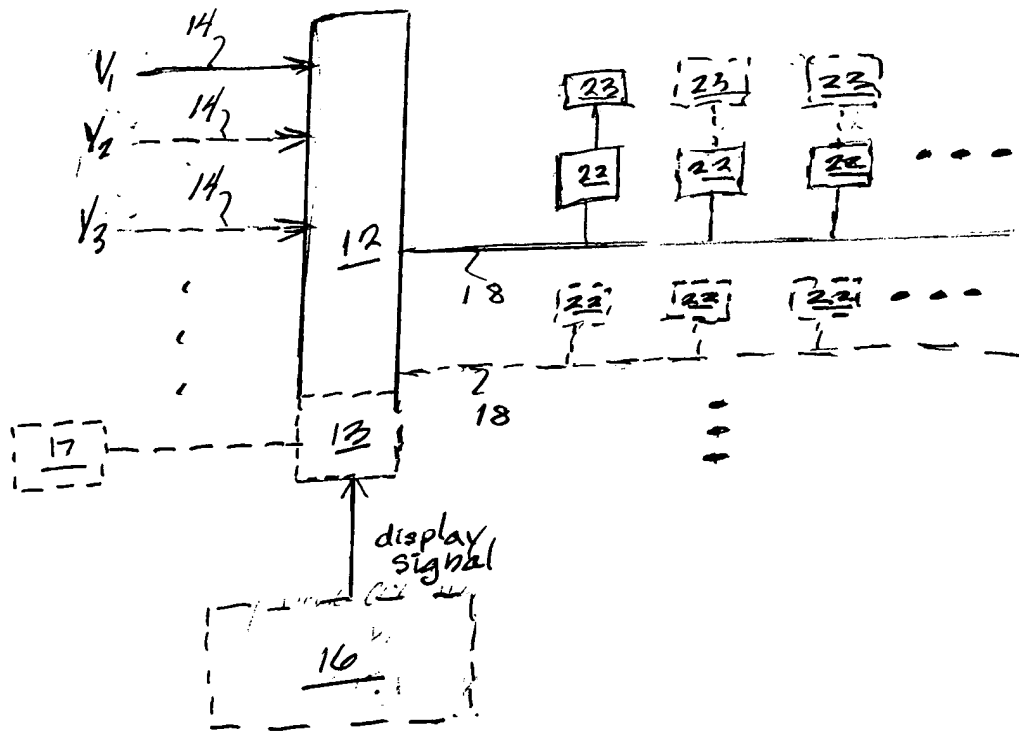


FIG. 1a

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↓

Step 21 - providing a plurality of voltage sources each having a different voltage level

↓

Step 22 - receiving a display signal that indicates an addressing impulse to be applied to a pixel electrode

↓

Step 23 - selecting a portion of the plurality of voltage sources responsive to display signal

↓

Step 24 - connecting the selected voltage sources to a switch circuit

↓

Step 25 - activating the switch circuit

↓

Step 26 - storing data that identifies a present optical state of a portion of the display medium defined by the pixel electrode

FIG. 1b

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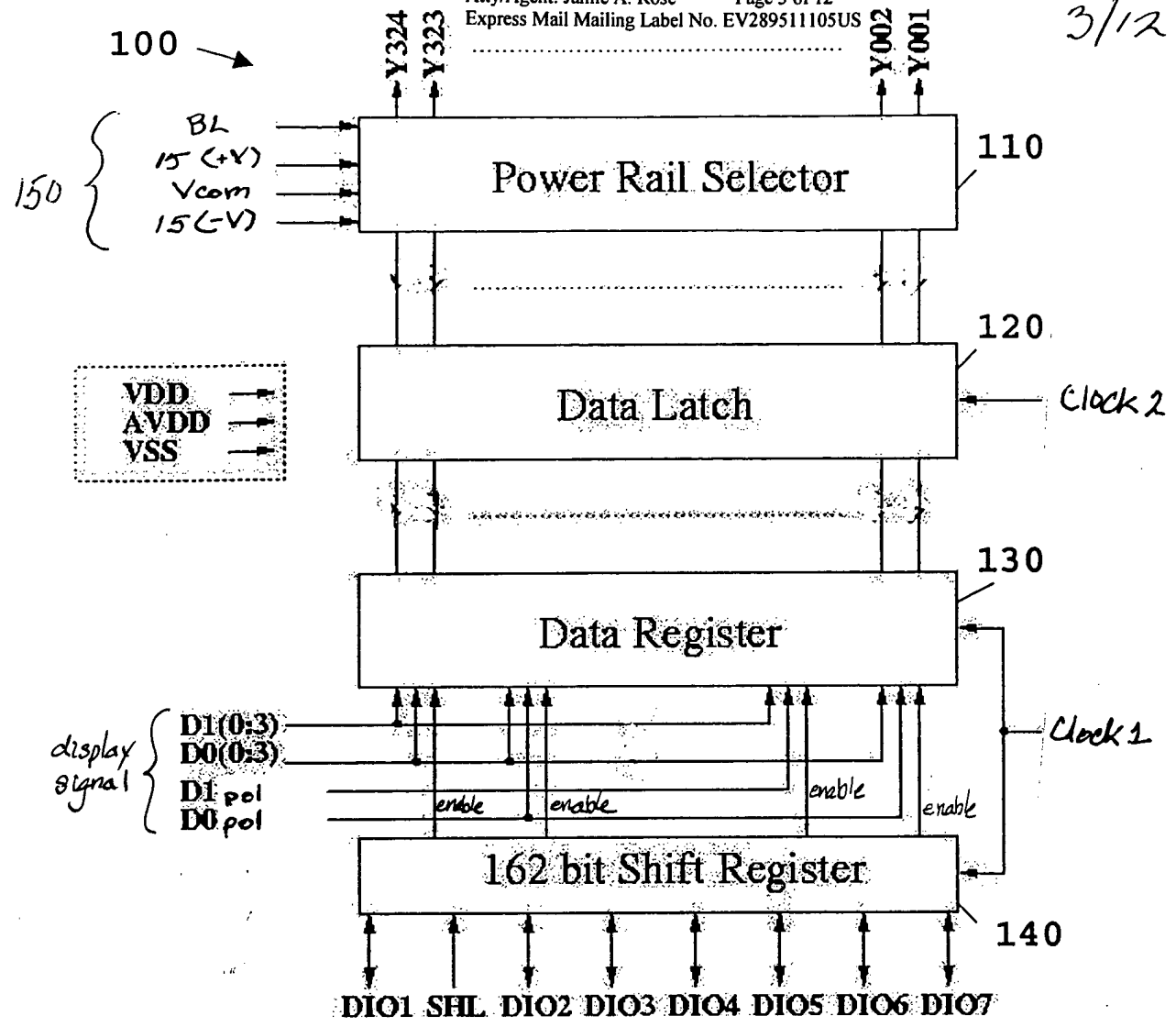


FIG. 2a

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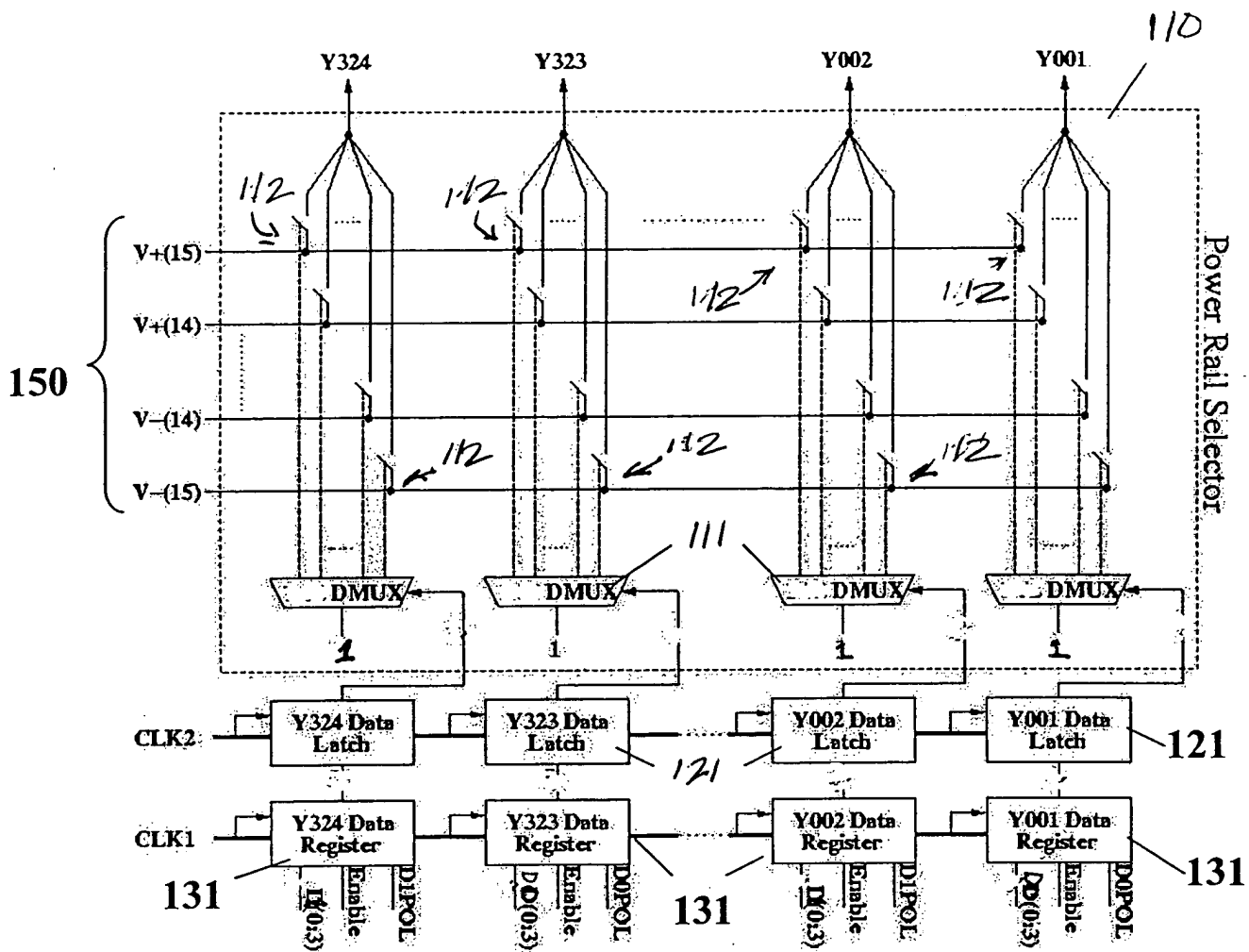


FIG. 2b

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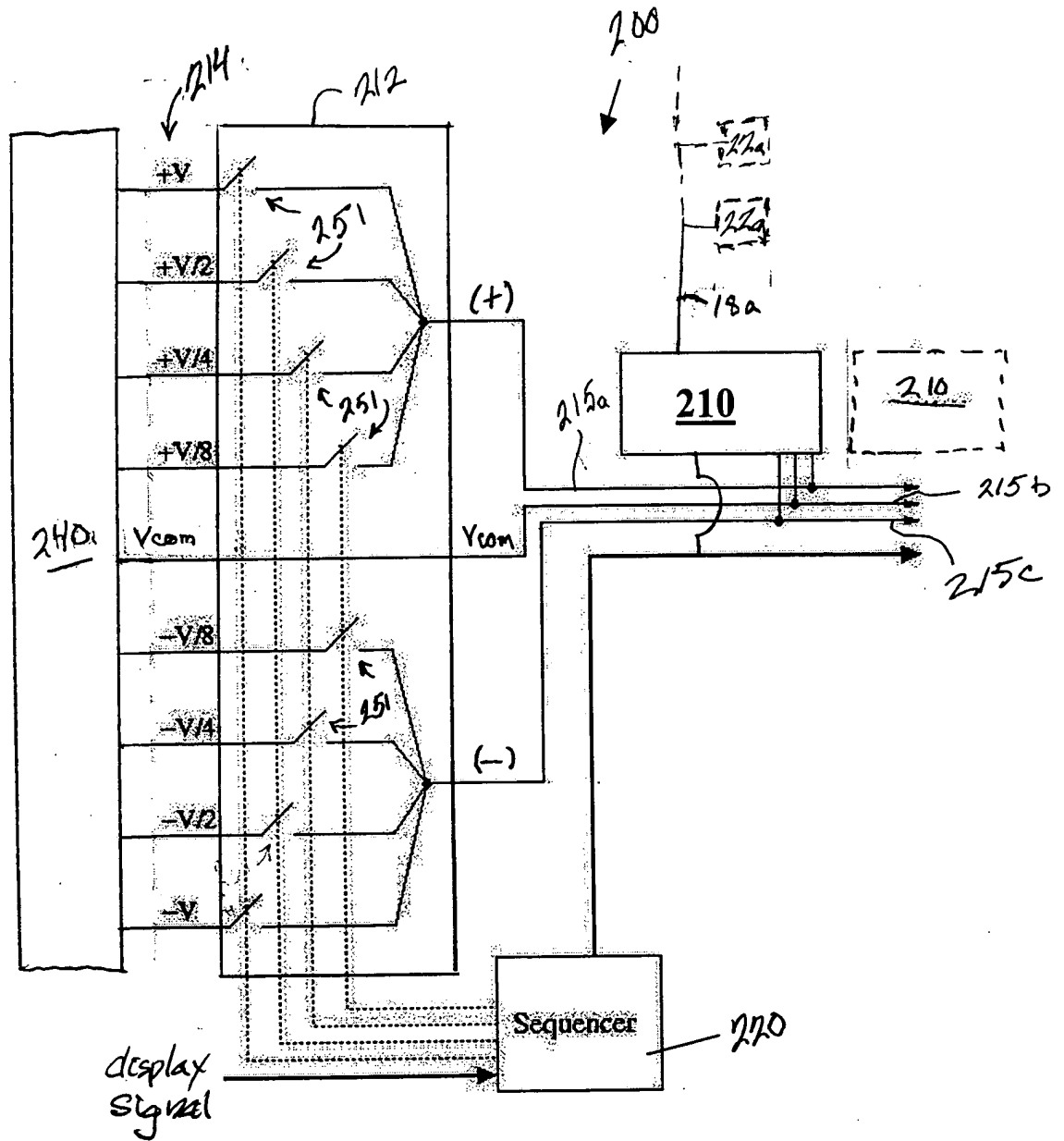


FIG. 3a

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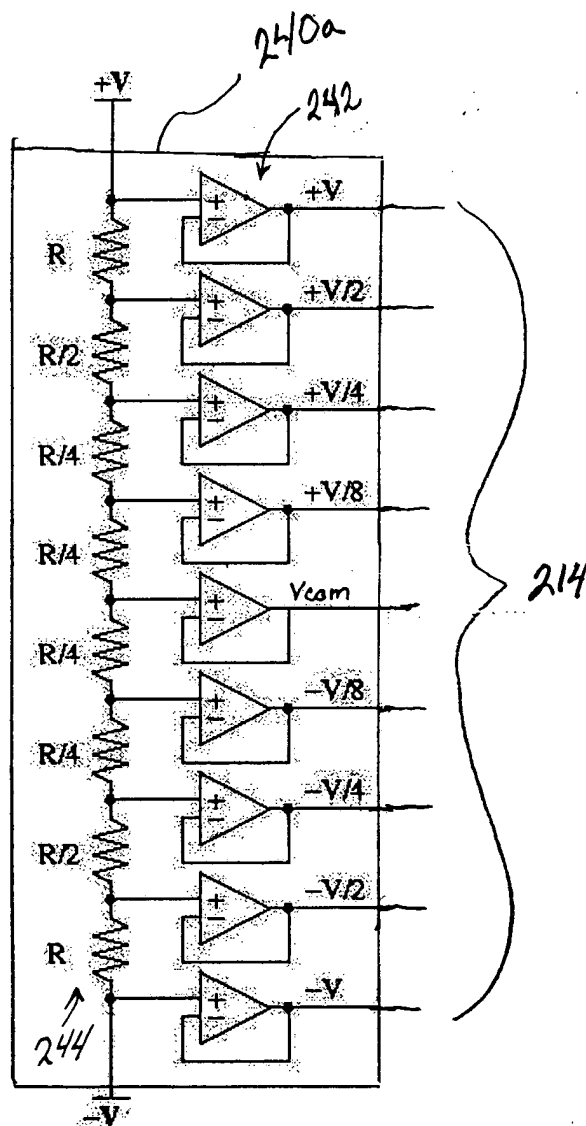


FIG. 3b

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Input Data: +0001

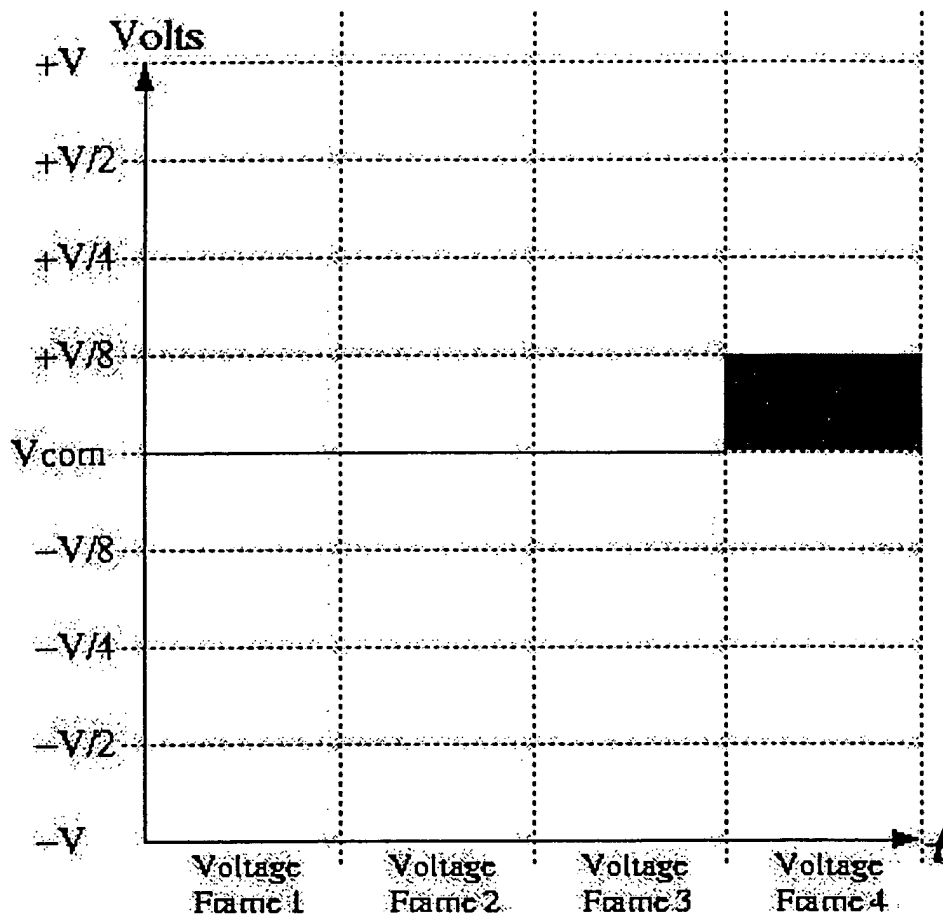


FIG. 3c

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Input Data: -0010

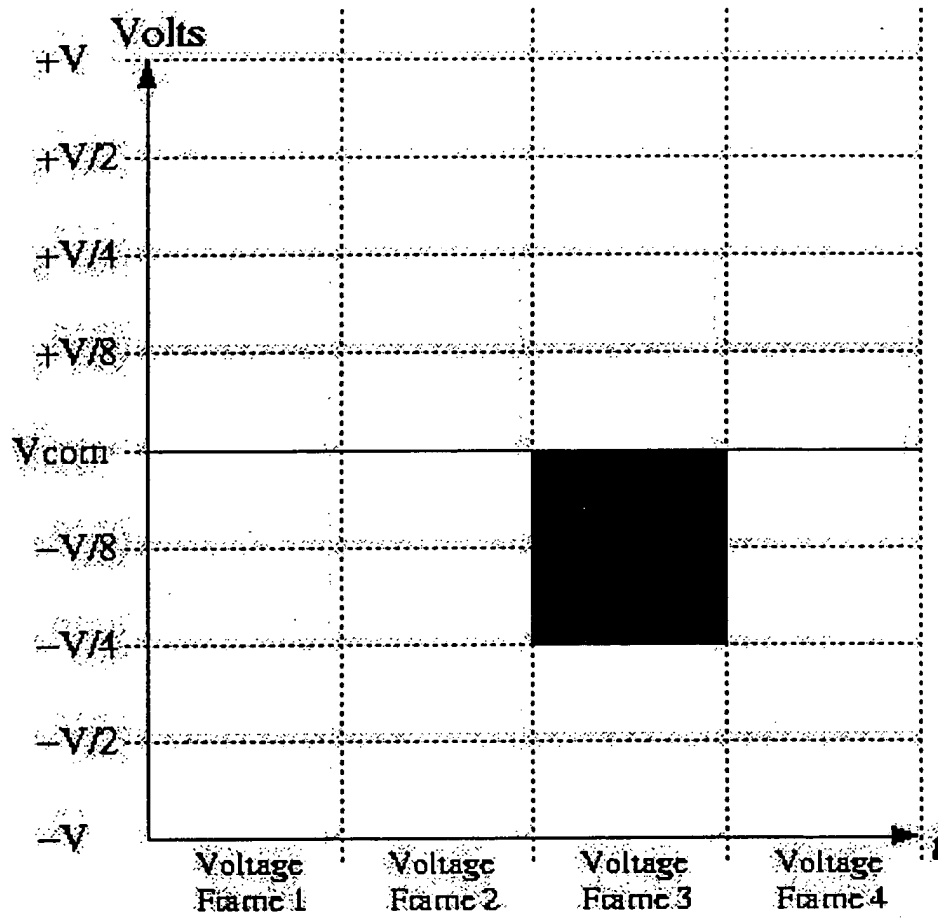


FIG. 3d

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Input Data: -1011

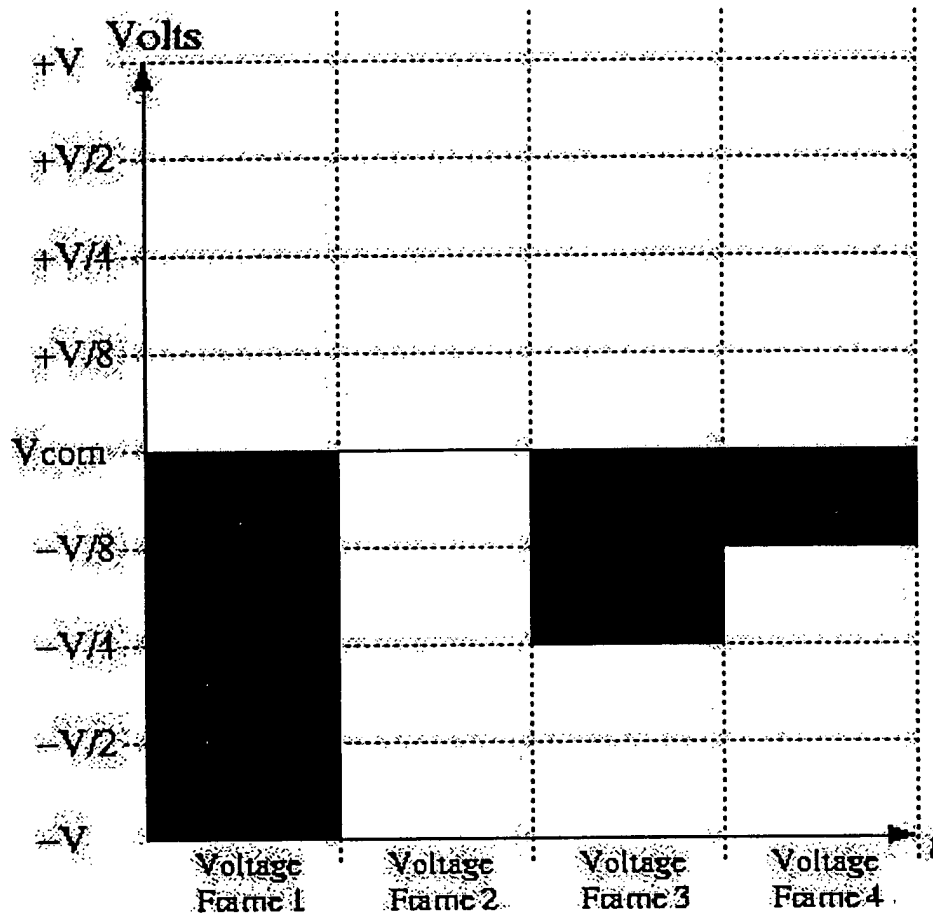


FIG. 3e

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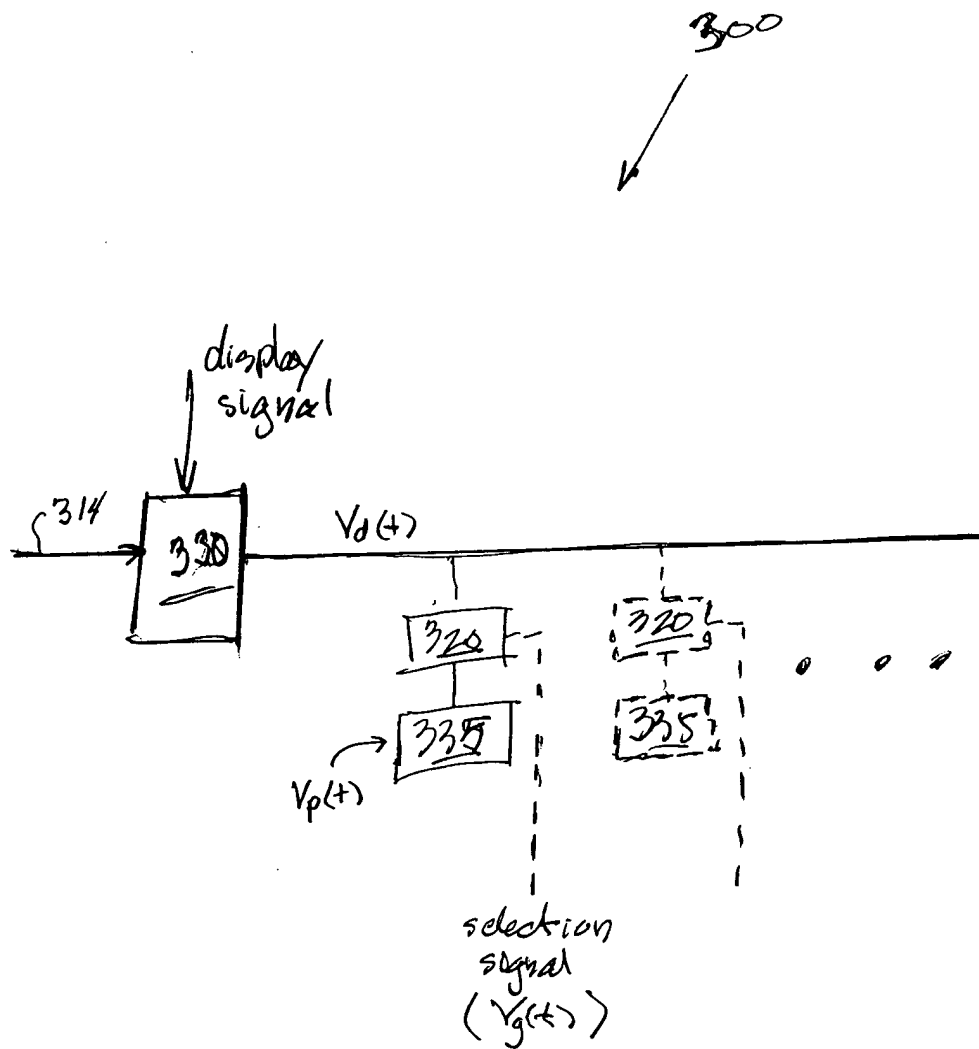


FIG. 4a

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400



Step 410 - providing a capacitive element to apply an addressing voltage to a portion of a display medium



Step 420 - providing a voltage source having a voltage greater than the addressing voltage



Step 430 - charging the capacitive element with the voltage source until the capacitive element applies the addressing voltage

FIG. 4b

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